

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Alan Anderson Hoover
Filed : Herewith
For : A STEREOPHONIC SPATIAL EXPANSION CIRCUIT
WITH TONAL COMPENSATION AND ACTIVE
MATRIXING

#4
Dre A
9-1-81
HWA

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Sir:

In the US national phase application of PCT/US99/29938 filed
herewith, please enter the following amendments:

IN THE SPECIFICATION:

Please amend the specification as follows: A marked up version of the
amended specification is attached herewith:

On Page 1, line 6, after "January 11, 1999" insert the following:

-- which is hereby incorporated herein by reference, and which claims
the benefit under 35 U.S.C. § 365 of International Application PCT/US99/29938,
filed December 15, 1999, which was published in accordance with PCT Article 21(2)
on July 20, 2000 in English.--

IN THE ABSTRACT:

Please add the following Abstract.

-- In a stereophonic expansion circuit, the (L+R) sum signal is
spectrally modified by increasing the bass and treble frequencies relative to the
midrange so as to compensate for a midrange frequency boost in the (L-R) difference
signal. The stereophonic expansion effect and manipulation of the signal parameters
are produced by active matrixing amplifiers.--